



#291647  
10/25/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Hu et al.

Docket No.: PF112P2D1

Application No.: 09/219,442-Conf. #4797

Group Art Unit: 1647

Filed: December 23, 1998

Examiner: C. Saoud

For: Vascular Endothelial Growth Factor 2

RECEIVED  
AUG 20 2002  
TECH CENTER 1600/290

**SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 § CFR 1.56**

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of a claim of the subject application, Attorneys for Applicants hereby direct the Examiner's attention to the Statutory Declarations and accompanying exhibits as follows:

- (a) Statutory Declaration of Francis John Ballard, executed on July 16, 2002; and
- (b) Statutory Declaration of Kari Alitalo and exhibit 1, executed on July 16, 2002.

The above-listed declarations and accompanying exhibit were received by Applicants in connection with an opposition to an Australian application that essentially corresponds to the U.S. priority application in this case. The above-listed declarations were received within one (1) month of the filing of the instant information disclosure statement. A copy of the above-listed Declarations and accompanying exhibit thereto, are enclosed.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be considered during the prosecution of this application.

Identification of the listed reference(s) is not to be construed an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants

do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

Applicants respectfully request that the Examiner acknowledge receipt of the enclosed Declarations and exhibits attached thereto, in the file of the instant application.

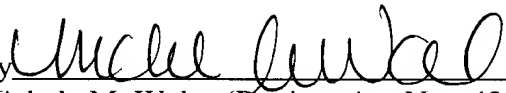
Pursuant to 37 C.F.R. § 1.97(c)(1), the Patent Office will consider this Seventh Supplemental Information Disclosure Statement if filed before the mailing date of a final Office Action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in this application and accompanied by the statement set forth in § 1.97(e)(1).

Accordingly, the undersigned certifies pursuant to 37 C.F.R. § 1.97(e)(1) that each item of information contained in this Seventh Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Seventh Supplemental Information Disclosure Statement. In particular, the listed documents were cited in an Opposition in connection with a corresponding foreign application.

Pursuant to 1.97(c)(1) no fee is believed due for this submission. However, should the Patent Office determine otherwise, please charge the required fee to Human Genome Sciences, Inc., deposit account no. 08-3425. A Fee Transmittal is enclosed.

Dated: August 16, 2002

Respectfully submitted,

By   
Michele M. Wales (Registration No.: 43,975)  
Attorney for Applicants

**HUMAN GENOME SCIENCES, INC.**  
9410 Key West Avenue  
Rockville, MD 20850  
Phone: 301-610-5772

Enclosures  
MMW/AKR/lcc/mlm

OIRE  
AUG 16 2002  
U.S. PATENT & TRADEMARK OFFICE

PTO/SB/17 (11-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

## Complete if Known

Application Number 09/219,442-Conf. #4797  
Filing Date December 23, 1998  
First Named Inventor Jing-Shan Hu  
Examiner Name C. Saoud  
Group Art Unit 1647  
Attorney Docket No. PF112P2D1

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## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account

Deposit  
Account  
Number

08-3425

Deposit  
Account  
Name

Human Genome Sciences, Inc.

The Commissioner is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	x	=
Independent Claims	-3** =	x	=
Multiple Dependent			=

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(h))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

## SUBMITTED BY

Name (Print/Type) Michele M. Wales

Registration No.  
(Attorney/Agent)

43,975

Complete (if applicable)

Telephone (301) 610-5772

Signature

*Michele M. Wales*

Date

August 16, 2002